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The software checks if the request is physically safe and allowed. If the operation is allowed, a message confirming the action is posted 111 and the user either accepts or cancels the operation (steps 265, 267). If accepted, the wafer robotic arm 39 performs the physical wafer transfer from the carrier 27 to the cassette. If the operation is not allowed, a message is posted in the message box 113 to inform the user that the requested operation is not allowed and will not be performed. As the wafer robotic arm 39 transfers the processed wafer(s), the display graphic of the arm 119 mimics the motion of the arm until the transfer is completed. If a single processed wafer was transferred, the user inputs for transferring a single wafer are repeated (step 269).

IN THE CLAIMS

CLEAN COPY OF AMENDED CLAIMS:

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12. (Amended) The wafer transfer controller according to claim 11, wherein each said antechamber graphic further comprises:

- an outer door graphic;
- an inner door graphic;
- an area for said wafer cassette graphic; and

a wafer slot indicator graphic to indicate which wafer slot graphic is selected by said user.
